

Figures 1A-1B

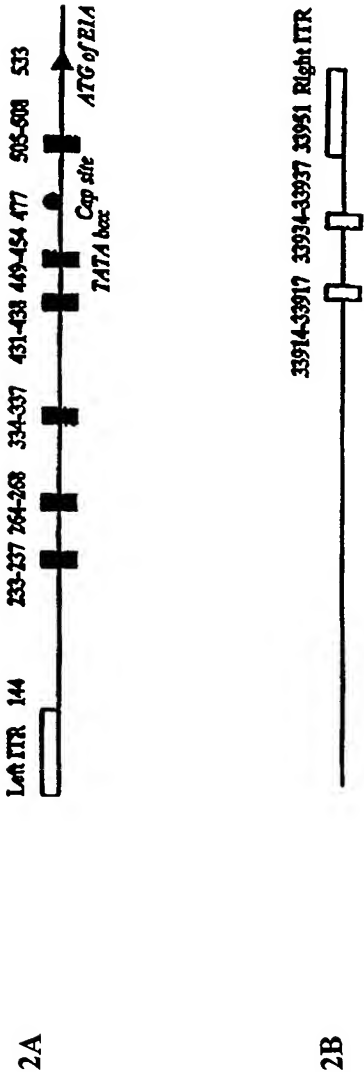
1A

CATC ATCAAT ATA TACCGC ACACCTTTAT TGCCTCTTT GTGCGTGGT GATTGCGGA GAGGTGGG GCGGCGGCGC 1-80
GGTGAATGGT GAGGAGGGT GTACCTAGC GTGGGACGT GACGTGGGT GGGAAATGA CGTGTATGA CGTCCCTGG -160
GAACGGTCA AAGTCCAAG GGAAGGGGT GAGCCCTGG GCGTCTCC GCGGGGCGGG GCGAGCGGC GGAATTC -240
GCACAGTGG AGAGTADGC GGAATTTT GGCCTCTGA CCGGACCTTC GCGCTGGT GTGGCACTTC CCGACACAC -320
GTCCGGGCG CCGTATTC CACTGACGA CCGTACAC ACTCACCTGA CCGGGGTTC CTTCCGCTG AGAGTCCGC -400
GGCGCGCGC CGAGATGACG TGTGTGGTG TATTTTCC CTTCACTGA TATAGTCC GACGCGCG AGAGTCACTA -480
CTCTTGATC CGAAGGAGT AGAGTTTCT CTCAGCGGA CAGACCTCG ACATGGGAA CAGACTTCAC CTGGACTGG -560

1B

CCGCGCAGAA GTCCCGGAA TTCCGCGAG CCGGCTCCG CCGACCTGC GACTTIGACC CCGCCCTCG 33861-33930
GACTTIGACC GTTCCACGC CAGCTATTT TCCACGCGA CGTACGTC CACGCTAGC TACACCCCT -34000
CTCACCAAT CACCGCGGC CCGCCCGAC CCTCTCGGC ATCACACG CCACAAAGG GGCAATAAA -34070
GTGTCCGGA TATTATAT GATG -34094

Figures 2A-2B



Figures 3A-3B

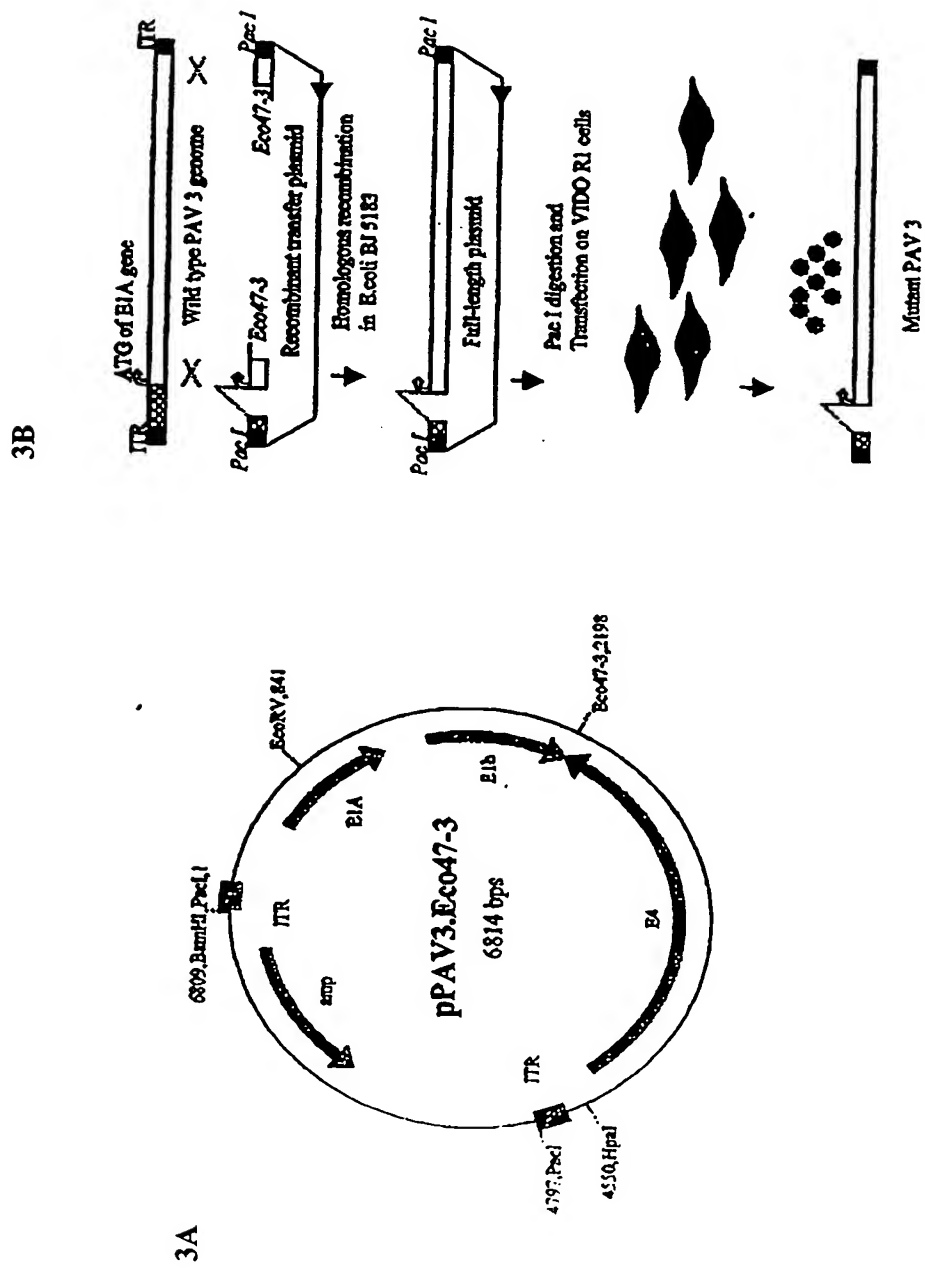


Figure 4

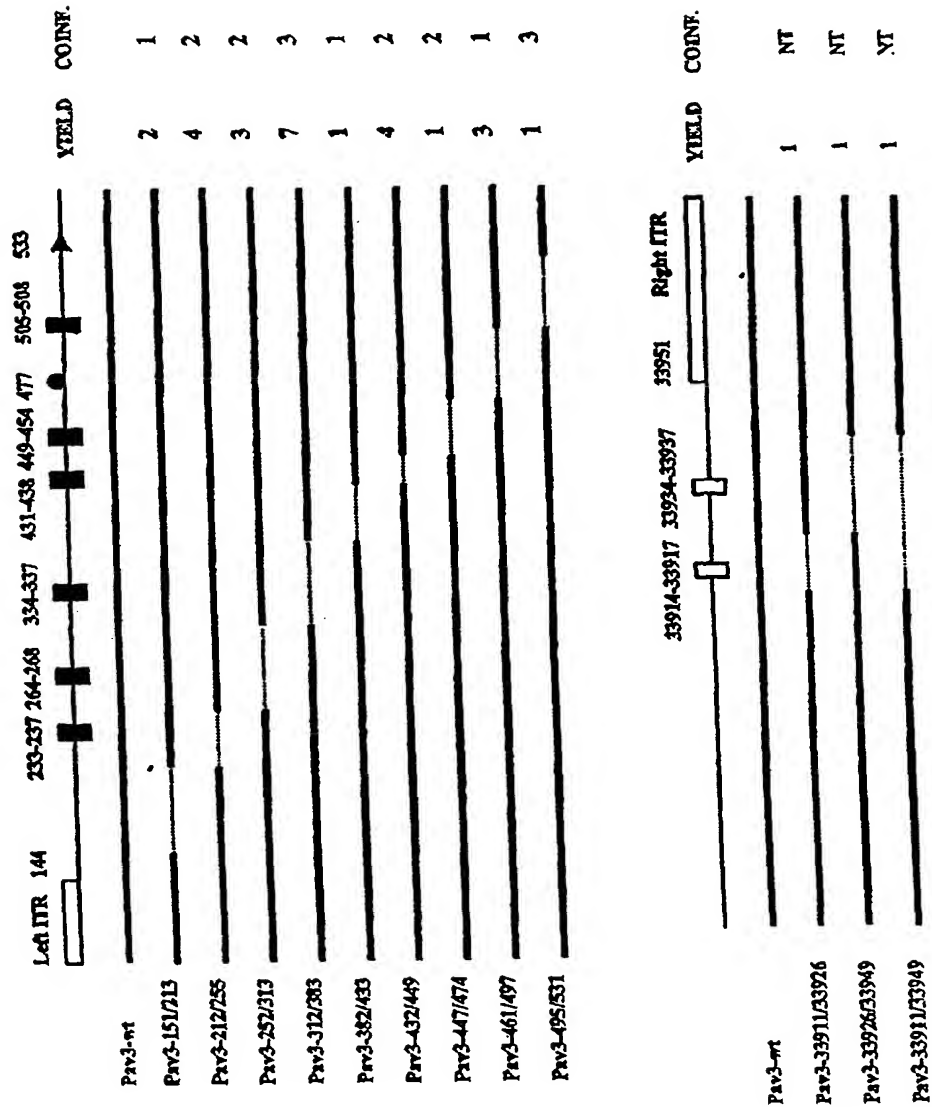


Figure 5

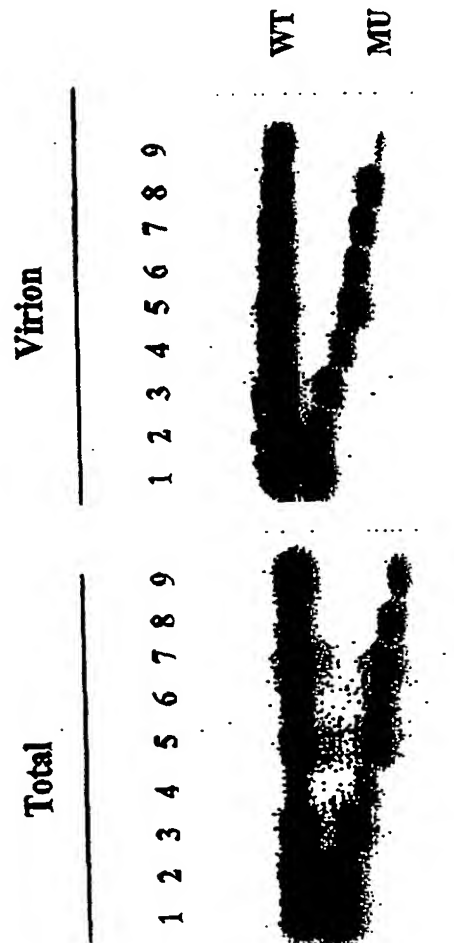


Figure 6

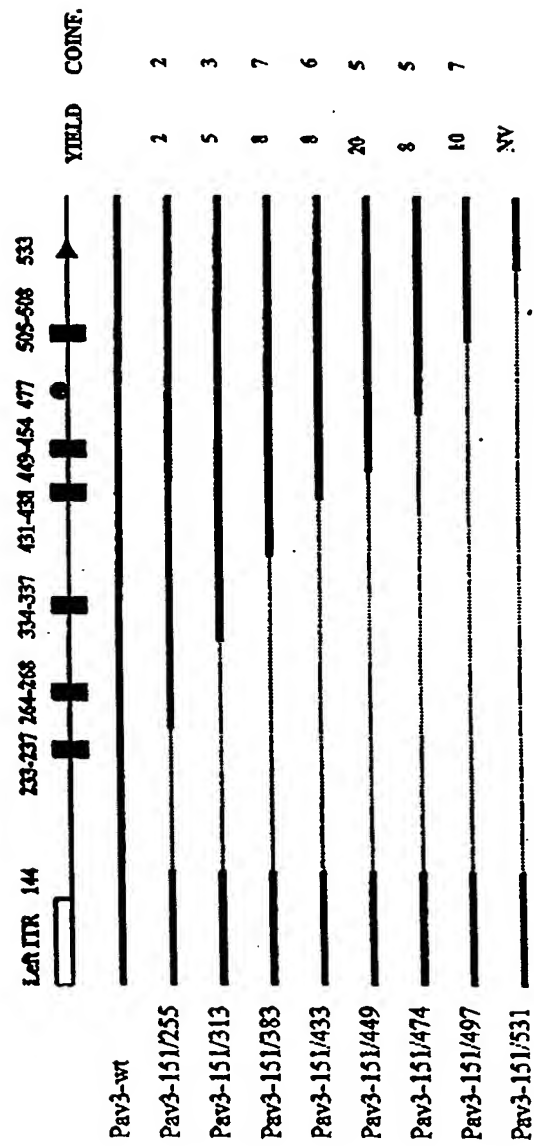


Figure 7

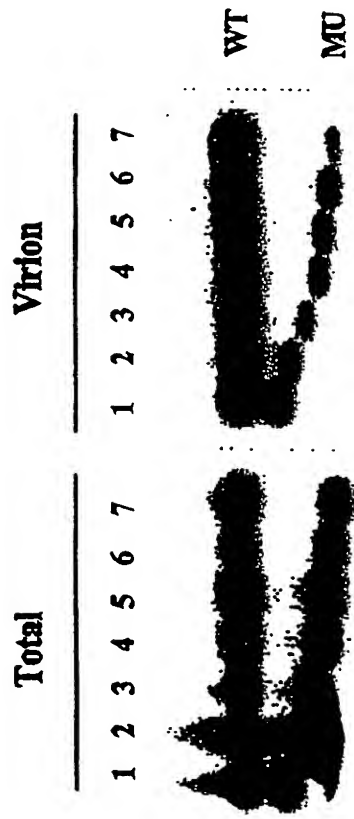


Figure 8

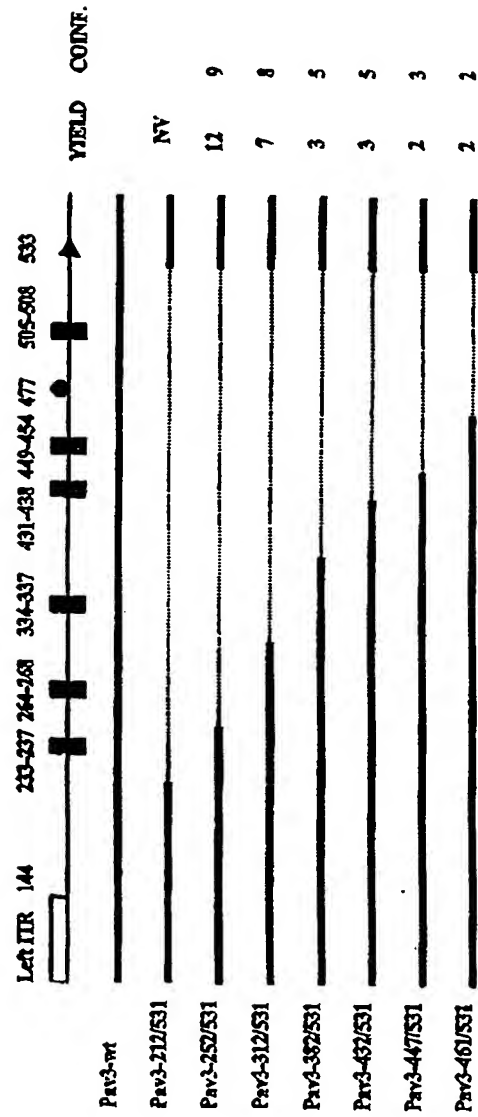


Figure 9

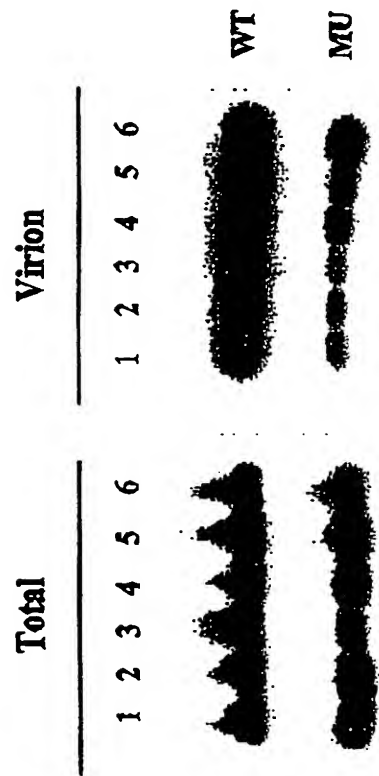


Figure 10

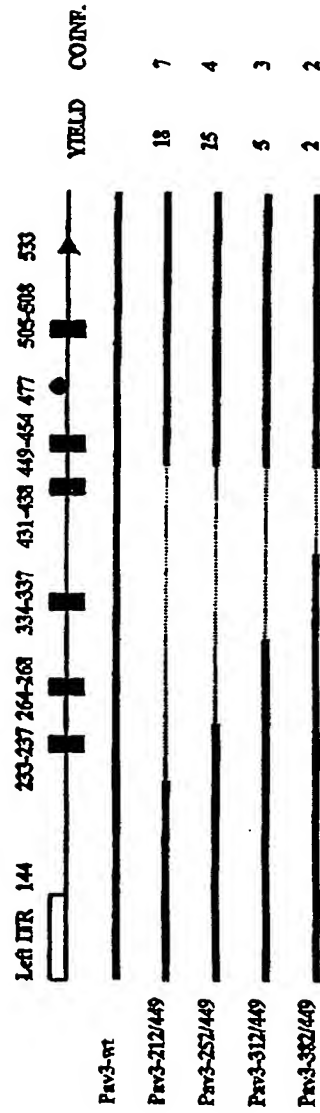


Figure 11

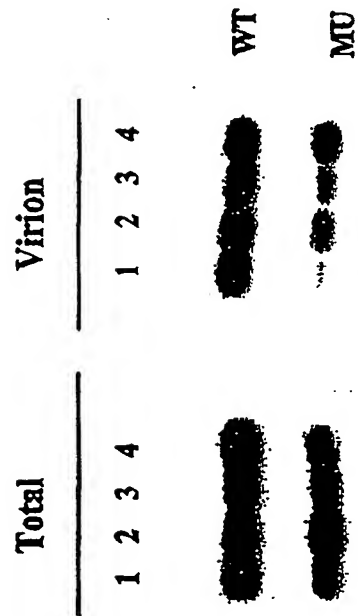
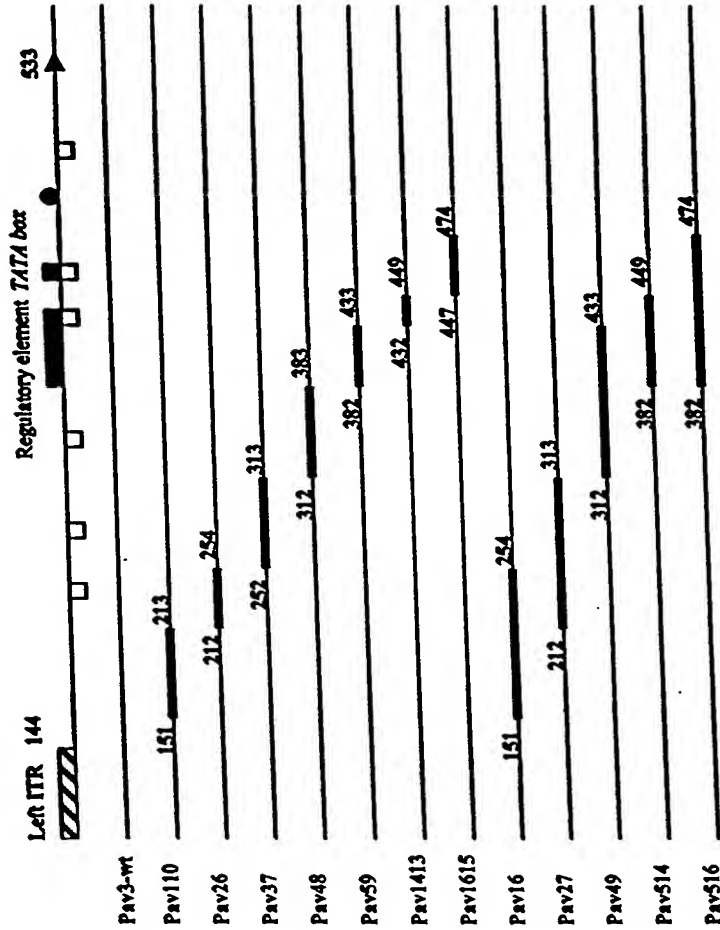


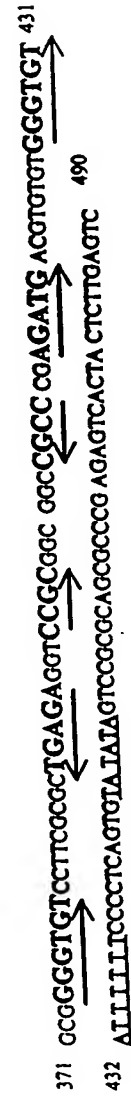
Figure 12

233-237	CGG AAATT	CCCGCACA
264-268	GGG ATTTT	GTGCCCTCT
334-337	CGG TATT	CCCCACCTG
431-438	GTG TATTTTT	CCCCCTCA
449-454	GTG TATATA	GTCCGGCG
505-508	GAG TTTT	CTCTCAGCG

13A

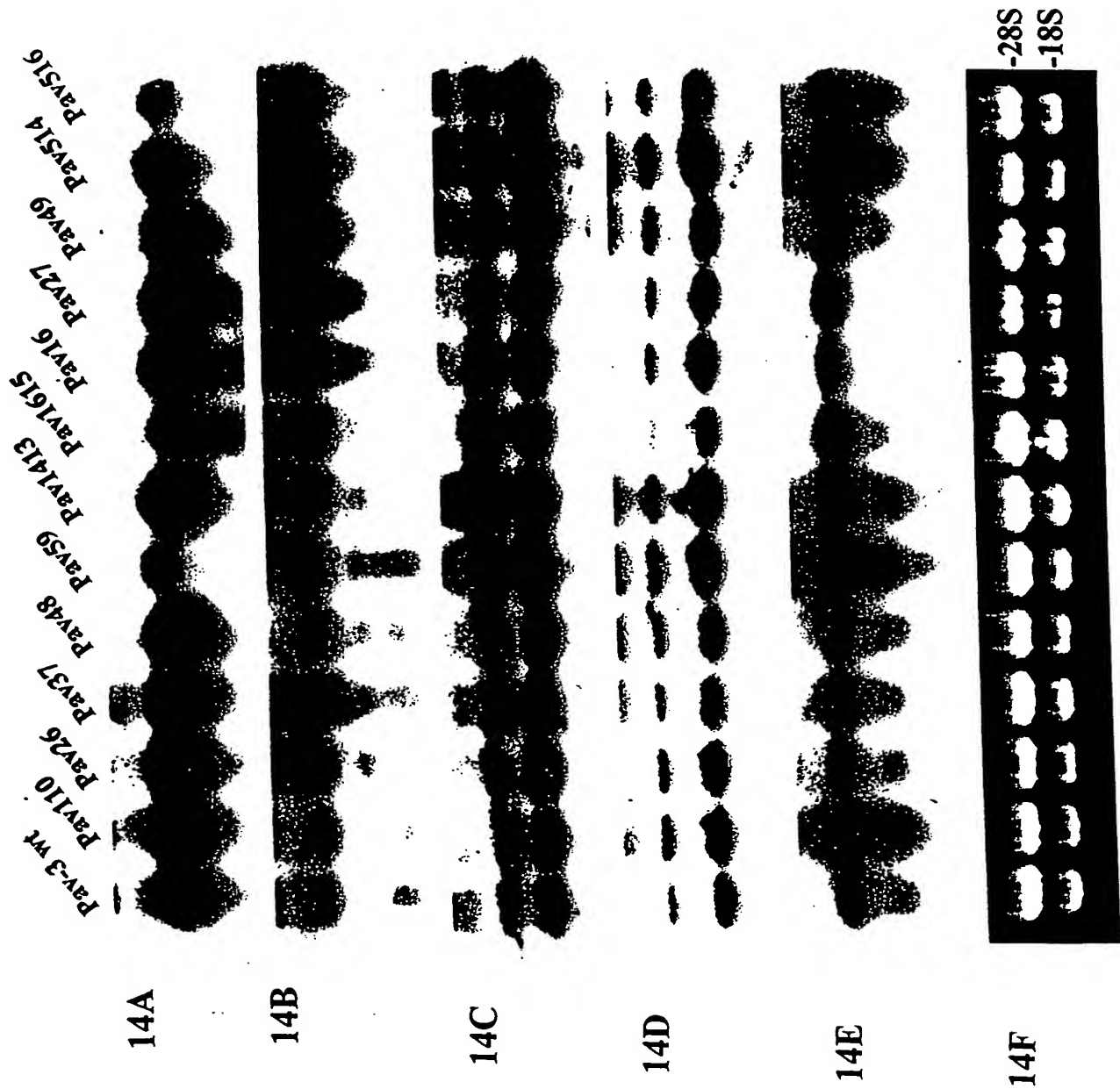


13B

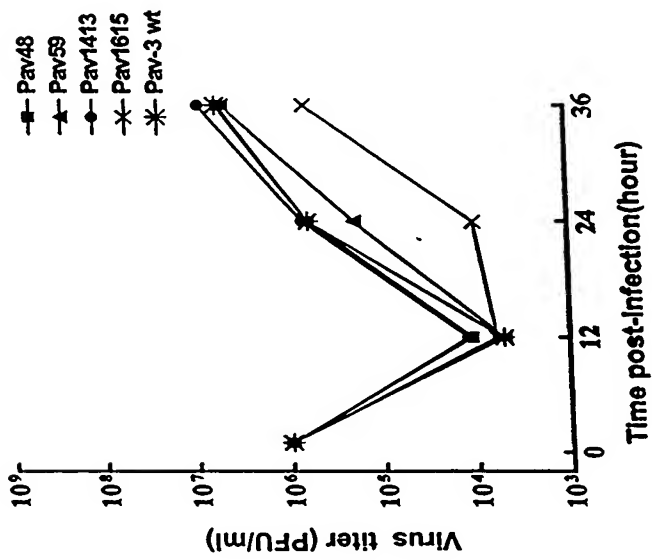


Figures 13A-13B

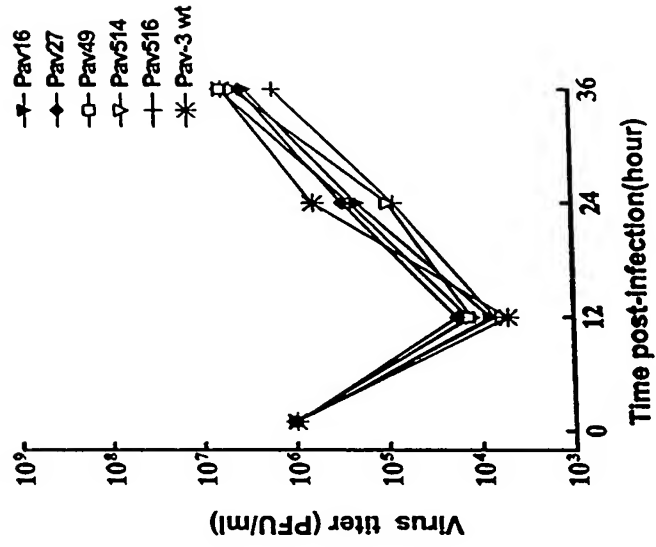
Figures 14A-14F



15A



15B



Figures 15A-15B

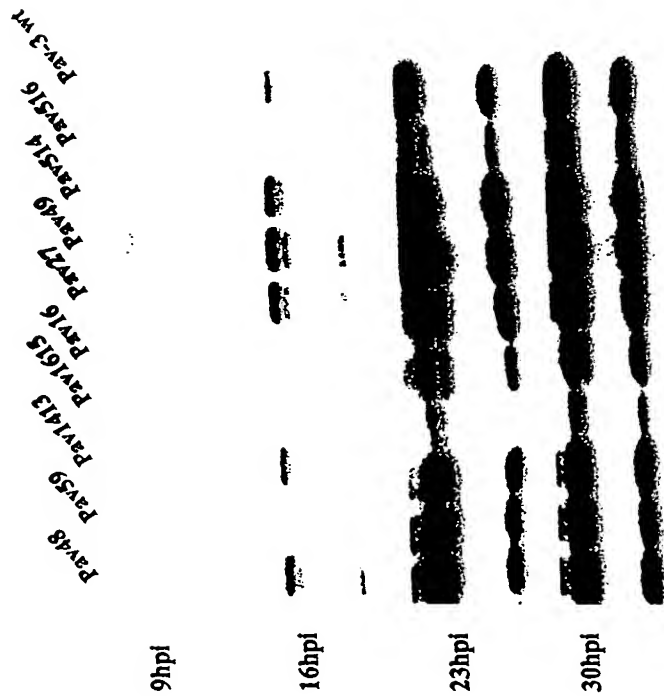


Figure 16

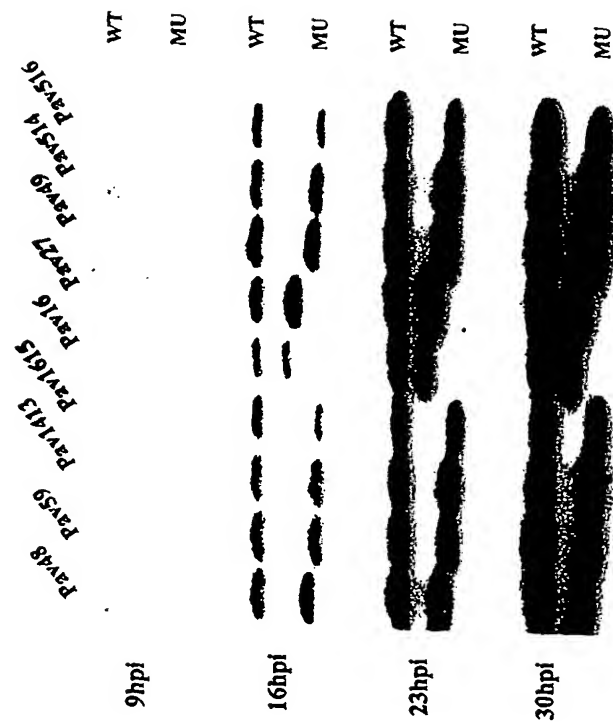
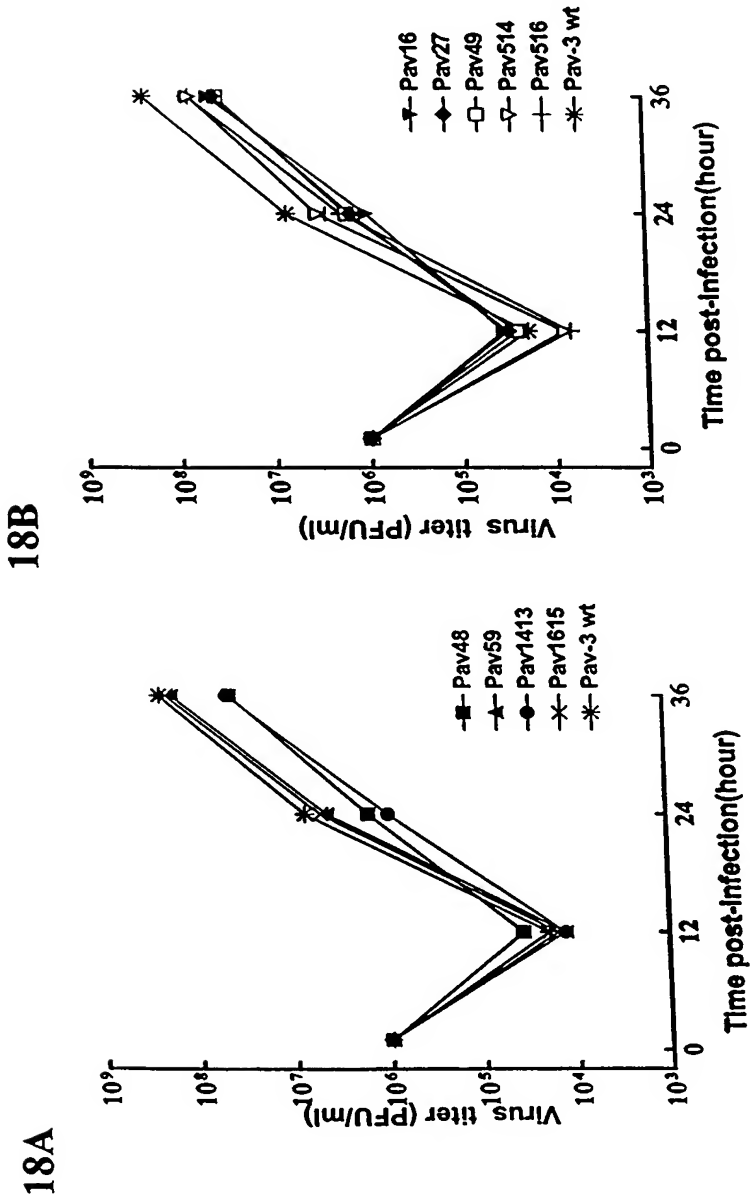


Figure 17



Figures 18A-18B

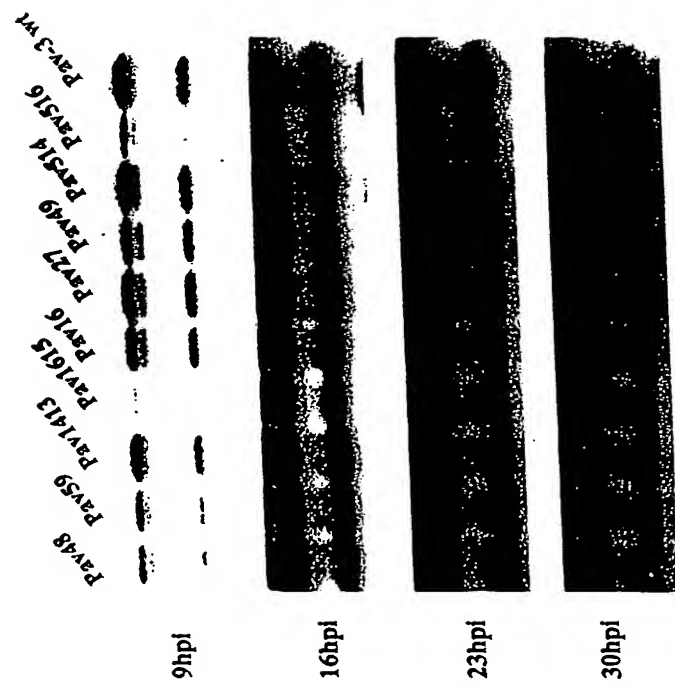
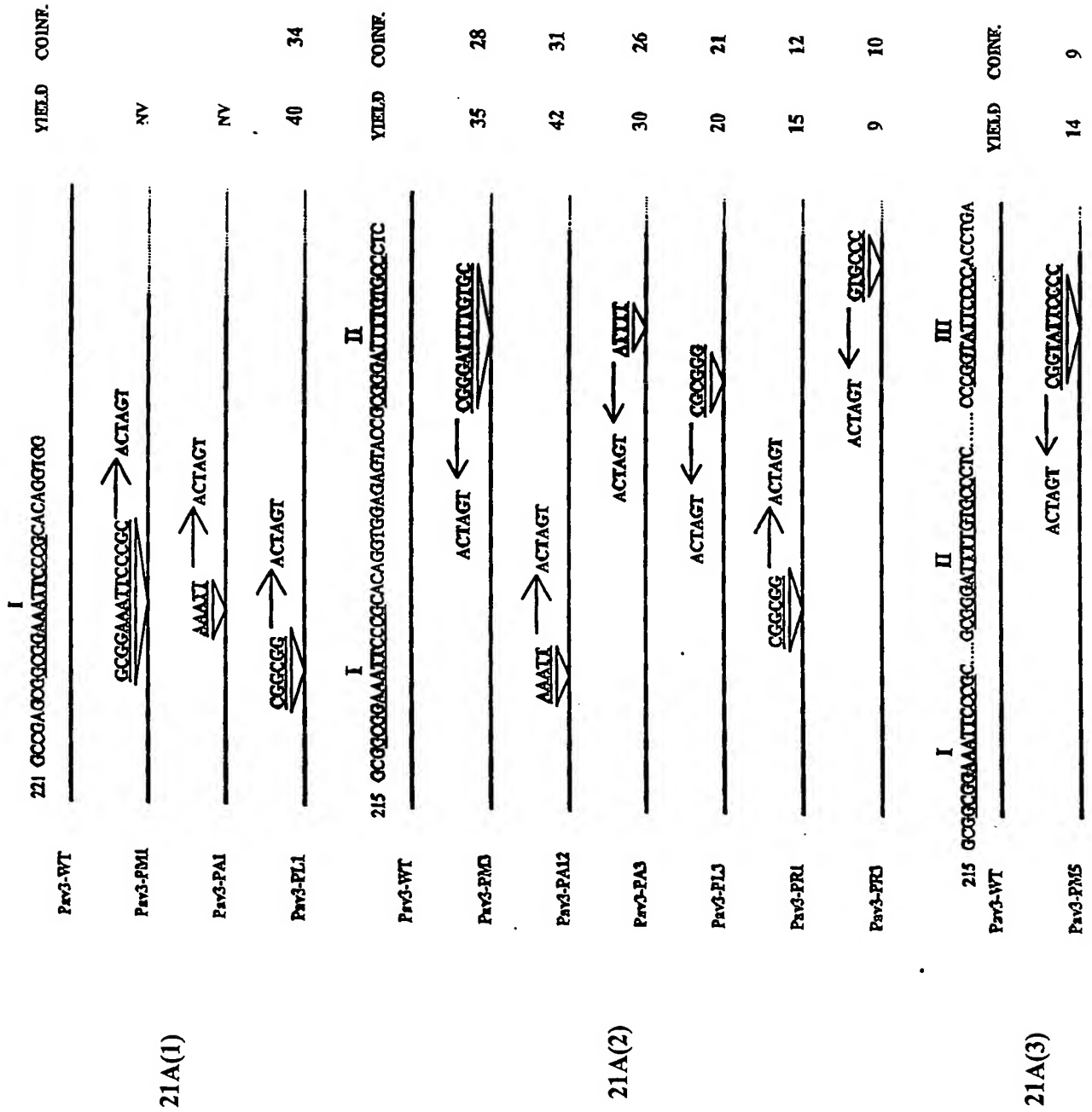


Figure 19

211 GCGGGGCGGGCCGAGCGCGGAAATTCCCGCACAGGTGAGAGTACCGCGGGAATTTGT
II
271 GCCTCTGGACCGGACCTTCGCCCTCGGGTGTGGCACTTCCGCACACACGTCGCGGCC
331 CGGTATTTCCCACTGACGACGGTGACACCACTCACCTGAGCGGGGTGTCCTTCGCGCTG
III
391 AGAGTCCGCGCGCGCCCGAGATGACGTGTGGGTGTAATTTTCCCTCAGTGTA
IV
451 TATAGTCCGCGCAGCGCCGAGAGTCACTACTCTTGAGTCCGAAGGAGTAGAGTTTCT
V
511 CTCAGCGGAACAGACCCCTCG VI

Figure 20

Figures 21A(1)-21A(3)



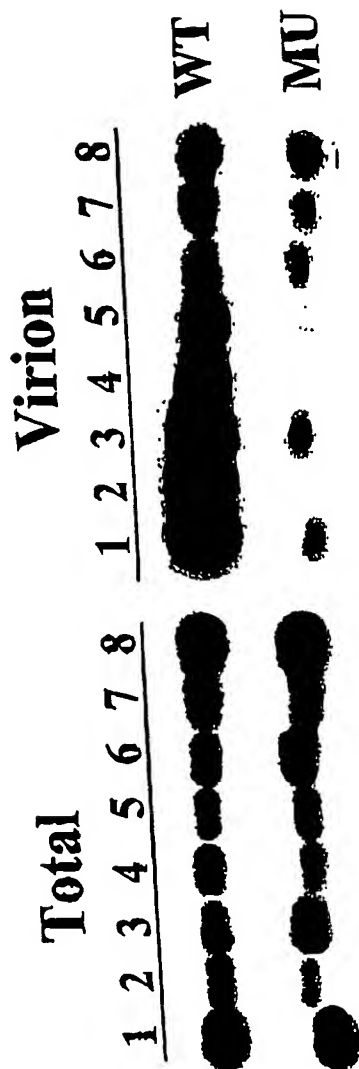


Figure 21B

	IV	V	VI	YIELD	CONF.
Pav3-WT	426 GGTG-TATTT TTTC CCTCAGTGTATATATGTC... 501 AGAGTTTT CTCTCA				
Pav3-PM7	GIGLAUUIIIQCC	→ ACTAGT		24	16
Pav3-PM9	ACTAGT ← GIGTATATAGTCC			30	24
Pav3-FM112	ACTAGT ← GAGIIMMCTC			21	19
Pav3-PA9	ACTAGT ← TATATA			8	10
Pav3-PA112	ACTAGT ← TTTT			17	12
Pav3-PL9	ACTAGT ← TCAGTG			9	7
Pav3-PL11	ACTAG ← AGAG			7	6
Pav3-PR9	ACTAGT ← GTCCGC			10	7
Pav3-FR112	ACTAGT ← CTCCTC			7	8

Figure 22A

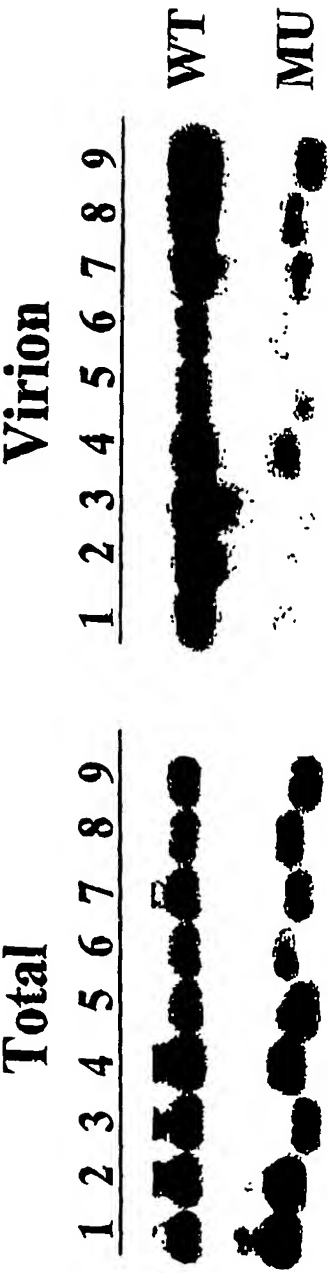


Figure 22B

Figures 23A-23B

